

What is claimed:

1. [canceled]
2. [canceled]
3. [canceled]
4. [Canceled]
5. [original] Monolithically formed one piece reflective temporary roadway marker comprising:
[[two sides connected by thin ties, said each side having]] an upper flexible segment having an interior planar surface with raised, beaded periphery edges, and a lower rigid body with a top planar portion, one inclined reflective face, two arcuate sides, a planar base surface and a backside forming perpendicular angle with respect to said base surface, said backside can be provided with thin ties for interlocking with the backside of a second marker;
element forming means for integrally fabricating multiple cube corner reflective elements within the interior surfaces of the upper flexible segments defined by said periphery edges and in said designated cell like areas within said reflective faces of said lower rigid body segments;
and
wall means for integrally providing structural support within each lower rigid body, said wall means disposed rearward starting at the periphery of said designated cell like areas within said inside surfaces of the reflective faces, thereby defining multiple hollow cavity air gaps beneath said cube corner reflective elements and providing the ejection space needed during said element forming means, said hollow cavity air gaps each having a centerline that form an angle of about 80 to 120 degrees with respect to the corresponding outside planar reflective face, said hollow cavity air gaps having one row open ends at the planar base surface and the upper row open ends at the vertical backside of said lower body.
6. [currently amended]The monolithically formed one-piece reflective temporary roadway marker as defined in claim 5, wherein two of said markers are [[two sides]] sonically welded [[on]] at the upper beaded periphery edges and the lower vertical backsides, thereby forming two way reflective roadway marker, said roadway marker can have the upper segment formed with tearable ties, thereby retaining said lower body segment adherent to the pavement as permanent reflective marker.
7. [original]The monolithically formed one-piece reflective temporary roadway marker as defined in claim 5, wherein said planar base surface of said rigid lower body is having one row of said open ends of hollow cavity air gaps, said open ends can be sealed with a compatible polymeric capping sheet, thereby providing means to pre-apply pressure sensitive adhesives on said planar base surface.

14. [new] The monolithically formed one piece reflective temporary roadway marker as defined in claim 5, wherein the outside surface of the reflective face can be spray, dip or brush coated with abrasion resistant resinous coating composition, said resin coating composition is applied near room temperature, said resin coating composition is selected from various suitable and readily formulated products with high abrasion and UV resistant.
15. [new] The monolithically formed one piece reflective temporary roadway marker as defined in claim 5, wherein an opaque color additive can be added to a selected hard abrasion resistant resin composition for coating the remaining body portions of said reflective roadway marker outside surfaces, said hard colored topcoat provides abrasive resistant and durable surface, said outside surfaces having one color or two opaque color segments, said resin coating composition is selected from a variety of available abrasion resistant coating resins.
8. (currently amended) Monolithically formed one-piece reflective roadway delineator comprising:

[[two sides integrally connected with wedge shaped ties, each of said sides is having]] a planar base portion with grooves and a reflective face portion that form a perpendicular angle with respect to said base portion, said reflective face portion integrally having interlocking, wedge shaped ties ;
element forming means for monolithically fabricating multiple cube corner reflective elements within the inside surfaces of said vertically positioned reflective face portion; [[, said element forming means can fabricate cube corner reflective elements on the inside surfaces of said vertically positioned reflective face portions defined by periphery walls;]] and wall means for integrally providing partitions to said reflective face portions of said roadway delineator, said wall means facilitate structural support to said reflective face portion.
[[reflective roadway delineator.]]
9. [Canceled]
10. [currently amended] The monolithically formed one piece roadway delineator as defined in claim 8, wherein [[said two sides]] two of said roadway delineators are sonically welded, whereby sealing the inner surfaces of the two vertically positioned reflective face portions, [[thereby providing]] retaining air gaps between [[each of]] the two inside surface areas with the cube corner reflective elements, thereby forming a roadway delineator with two reflective faces.

11. [currently amended] The monolithically formed one piece roadway delineator as defined in claim 8, wherein the vertically positioned reflective face portion can have both surfaces formed without load carrying partition walls [[on said planar surfaces]], said inside surface of reflective faces integrally formed with multiple of cube corner reflective elements, said [[each]] inside surface bounded by raised, beaded periphery walls, said two vertically positioned [[sides]] reflective faces are sonically welded, thereby sonically fusing said beaded periphery walls, whereby retaining air gap between the inside of said two vertically positioned reflective faces.

12. [currently amended] The monolithically formed one piece roadway delineator as defined in claims 8, wherein said raised periphery walls can be provided with an interlocking means for allowing the [[two]] vertically positioned reflective portions [[sides]] of two roadway delineators to affix to each other, thereby retaining air gaps between the two inside surfaces of said vertically positioned reflective faces, whereby retro reflectivity can be attained on both sides of roadway delineator.

13. (currently amended) The present invention includes within its scope a method for making the monolithically formed reflective pavement marker comprising the steps of:

- providing a tooling means which allow the injection molding of said reflective pavement marker or delineator, monolithically including the cube corner reflective elements in one step, said tooling can be made to mold said marker [[in]] from one or two compatible material in an injection molding process either in one or two colors, said tooling means providing the mold core elements for the injection molding process that integrally will define the structural wall means within each one-piece reflective roadway marker being formed.
- providing hard resin coating composition, for adding abrasion resistant topcoat on the marker reflective faces, said hard resin coat can be selected from various available, abrasion resistant coating resins, said hard resin composition can be dip coated, sprayed or brushed on said faces,
- providing an opaque color additive to be added to a selected hard abrasion resistant resin composition for coating the remaining body portions of said marker outside surfaces, said hard colored topcoat provides abrasive resistant and durable surface, said outside surfaces having one color or two opaque color segments, said resin coating composition is selected from a variety of available abrasion resistant coating resin.

It is understood that various changes or modifications can be made within the scope of the appended claims to the above-preferred method of forming one-piece reflective marker without departing from the scope and the spirit of the invention. The principle processes of this invention are not limited to the particular embodiments described herein. Various embodiments can employ the processes of this invention. This invention is not limited to the exact method illustrated and described; alternative methods can be used to form the intended monolithically formed reflective pavement marker of this invention.